

Swivel Authentication Version 3.10.2 & Swivel Appliance Version 2.0.16

Release Bulletin

Introduction

This release bulletin relates to Version 3.10.2 of the Swivel Authentication Platform and version 2.0.16 of the appliance.

This latest release brings with it new product enhancements, user experience and integrations. Full feature information and details are set out in this document.

We strongly recommend that all our customers upgrade to the latest version as soon as possible. Upgrades are included as part of your annual maintenance renewal and are free of charge.

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Swivel Appliance Update

Version 2.0.16 is now available

This update addresses several issues, relating to the High Availability clustering, Log rotation, update process and most importantly support for Swivel 3.10 and above.

To benefit from the latest Swivel software features and new functionality, ensure your appliance is updated to the latest version prior to installation of version 3.10.2

New Virtual Images will be available shortly for new installations, however in the interim please apply the appliance patch file available from the Swivel wiki at: <https://kb.swivelsecure.com/wiki/index.php/Downloads>

The appliance update is free of charge, and applicable to all Swivel customers and partners.

Product Enhancements

Addition of X509 Certificate Rule - New Functionality

When a user accesses a Service Provider i.e. Google Apps, Salesforce etc. they will be redirected to the Swivel IdP. The IdP will ask the user to supply a valid User Certificate. If the user has the admin specified certificate, and it is valid, the user will be allowed access. If no certificate is passed, or the certificate is not valid, then access will not be granted until alternative authentication is carried out as specified by policy controls.

This enables organisations that have certificate infrastructure to leverage this investment in their authentication policies, for example requiring lower levels of authentication for those people access services from trusted devices.

Swivel Remote LDAP Sync Client - New Functionality

There is a requirement for remote synchronisation of LDAP repositories. The remote agent will be installed on a customer's site, e.g. Domain Controller. It will be configured to map AD groups to Swivel Groups, AD parameters with Swivel parameters and will be scheduled to run at defined intervals. It will be configured to point to a special Swivel URL. When the agent runs it will use AgentXML (over HTTPS) to pass across details specified in the AD groups to a Swivel Core server. The Swivel core server could be hosted in the cloud, or at a customer's premise.

This allows organisations to securely synchronise their Swivel Core server with their Active Directory repository securely over the internet, giving more flexibility in how and where Swivel is deployed

User Portal

Auto Deploy User Portal / Transient Data Storage

When deploying the user portal the configuration will now automatically copy into .swivelportal folder. The User Portal now replicates the same installation process as the Swivel core. This makes installation much easier.

Multi-Channel Configuration Options - New Functionality

New functionality has been added to enable the configuration of users to have a PIN for use with PINpad or TURing and at the same time be PINless for SMS, Token, and the Mobile Client. Giving users access to the easiest to use SMS / Token / Mobile Client solutions as well as Swivel image-based solutions.

OCRA Tokens - New Functionality

The Swivel Core now supports banking grade transaction authorisation through the support of OATH Challenge-Response Algorithm (OCRA) tokens. Users equipped with an OCRA token, can be provided with a challenge string to enter into the token. The user then enters the token's response into the authorisation page, which is submitted along with the username and the challenge to the Swivel core for verification.

This allows organisations to use Swivel for transaction verification as well as authentication.

Support for TOTP Time based token - New Functionality

The Swivel core now supports time based tokens. This new functionality allows admins to allocate time based tokens to. As with event-based (HOTP) tokens, time based tokens can be easily imported to the Swivel core and both manual and auto synchronisation are supported.

Swivel Core Enhancements

AGENT XML getUserAttribute

Functionality has been expanded to enable the retrieval of any user attribute.

Practice Sync Job

New functionality provides a summary of the number of accounts that would have been created and or deleted if a sync job had been run.

On the config screen of the repository, select the 'Test Sync' button. The Swivel core test synchronises with the repository, and logs the changes it would have made. No changes are actually made.

Administrators can now confidently check the outcome of a full 'User Sync' without risking the deletion or creation of accounts due to unknown or unexpected changes made on AD.

Show / Hide Settings on Mobile App

This new policy allows you to show the mobile client settings. This policy is read by the mobile client on the provisioning and / or updating keys processes. The mobile client hides settings by default showing instead an information screen.

Support for Alpha Numerics Across All Tokenless Devices

It is now possible for users to use a mixture of Alphanumeric Security Strings for PINpad, TURing, SMS and Mobile phone interfaces.

Auto Provision Code

Once the system administrator sets a policy "auto-creates provision code" a provision code is automatically sent to the user when their account is created.

Swivel Core – Bug Fixes

Help Desk User Rights Issue

Groups with helpdesk user rights can now act as a helpdesk for other helpdesk users.

Phone Number Prefix Remove/Replace Issues

As a standard format for SMS providers we need to make sure phone numbers are sent in the correct format if required.

AGENT XML getUserAttribute Check User Issues

Removes null pointer exception when user did not exist and the User attributes were requested.

Non-ASCII Characters Conversion Errors in XML Repository

Fixes encoding errors when ASCII characters are retrieved from the XML repository for editing.

Phone Prefix removal/replace Issues

This is now working correctly

OATH Token User Delete Issues

Users are now dissociated from the token as part of user deletion process.

SyncJob deletes users

An invalid group error occurred under certain circumstances when sync job deletes a user. This issue has now been resolved.

Deleted Accounts Become Locked

The issue relating to accounts marked as deleted becoming locked due to too many failed authentications has been resolved.

OATH Not Working with MSCHAP

OATH authentication logic has now been extended to work with RADIUS CHAP / MSCHAP.

PINpad Sessions

PINpad now logs one session per security string.

Helpdesk Users Can Reset Admin User Pins

The error which enabled helpdesk users to reset helpdesk user PIN by typing the URL has been fixed.

Migrating Data Issues

Fixes various issues migrating data from internal DB to ORACLE, MSSQL and MySQL.